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## Time variations in aerosol and minor gaseous impurities in the urban surface air

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### Abstract

The investigation of mesoscale and synoptic variations in surface aerosol, gaseous impurities, and meteorological parameters based on 3-year measurements on a network of automatic stations of atmospheric monitoring is carried out by means of wavelet analysis. The intensity of synoptic variations in all the parameters of interest is modulated by seasonal harmonics. The intensity of mesoscale variations is modulated by both synoptic and seasonal processes. © 2003 by MAIK "Nauka/Interperiodica" (Russia).

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